



AME series of autonomous GSM coverage zone extenders



Product description

Mobile networks have a great coverage throughout the world. But there are a lot of places where cellular base station signal is weak or absent. Usually it takes place in the wild landscapes, in the mountain valleys, forests, etc. Travelers can find themselves in emergency situations without mobile services.

Our AME was developed for coverage zone extension providing mobile connection in remote regions like the road emergency phones.

The AME idea is very transparent– everyone has a mobile phone now, and the only need is to provide the network connection anytime.

AME is a cost-effective bidirectional cellular network amplifier. It is absolutely autonomous and maintenance-free. Power supply is provided by a very compact solar-wind hybrid device. AME has an integrated and weather-proof design to simplify an installation process. Just external GSM antenna and activating button are needed.

The device is installed on the tube mast with external antenna directed to the nearest working cellular base station. Activating button is placed on the mast one meter from the ground. Pushing the button, user activates AME and has a local coverage area during the predefined time (10-15 minutes).

AME is suitable for using along the mountain and forest roads, farms and camping. It could be arranged with phone, local LED lighting and video camera.

Features and advantages:

- Hybrid solar-wind power system provides weather-independent power supply.
- Easy to install.
- Completely self-consistent, no wires, no maintenance.
- High protection against harsh environments. UV-stable polycarbonate shell, waterproof and shock-resistant.
- Flashing LED light, up to 1 km visibility in the darkness.
- Local LED lighting (optional).



AME		Description
Model		AME-H-ALV
Dimensions	AME-H-A	60 cm X 30 cm X 40 cm (HxWxL)
	AME-H-AL	
	AME-H-ALV	
Wind harvester		12V 10W
Solar Panel		12V 20W
Battery		12V 4,5Ah
Flashing LED		1,5W, red

- *Alarm phone (optional).*
- *Video camera (optional).*
- *Available in different color design.*

Lighting LED	3W, white
Charging time	6h
Work life	5 years
Material	PC
Visual distance	1000 m (in darkness)
Product features	Impact-resistant, durable
	Hybrid waves and solar charging
	Light-control mode

Specification: